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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JUN 24 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Randy Meabon
Marathon Oil Company
1501 Stampede Avenue
Cody, WY 82414

Re: Authorization to Inject
EPA UIC Permit WY21096-07391
Well: Tribal E-11
330 ft FNL 327 ft FWL, S8 T3N R1W
Fremont County, WY
API No.: 4901306372

Dear Mr. Meabon:

Thank you for submitting information pertaining to the newly converted Tribal E-11 enhanced recovery injection well to the Region 8 Ground Water Program office of the Environmental Protection Agency (EPA). Follow-up conditions for the "Prior To Commencing Injection" and "Limited Authorization To Inject" requirements for the Tribal E-11 injection well required well owner and operator Marathon Oil Company to submit a Radioactive Tracer Survey (RTS) to the Director. The RTS will supplement the cementing records (dated 3/18/09), which show an insufficient interval of eighty (80) percent, or greater, cement bond index through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation.

All required information has been submitted, reviewed, and approved by the EPA. Therefore, effective upon your receipt of this letter, Administrative approval is hereby granted for continued injection into the Tribal E-11 enhanced recovery injection well under the conditions of the UIC Permit WY21096-07391 as modified. Marathon shall continue to perform follow-up RTS and Temperature Log tests in accordance with the conditions of Appendix B of the UIC Permit WY21096-07391.

The Director has reviewed the pressure used to perform the RTS and has determined that the maximum allowable surface injection pressure (MAIP) for the Tribal E-11 well shall not exceed 1,385 psig. You may contact the UIC Technical Enforcement Program staff at any time to request permission to run a new RTS at a higher pressure in order to demonstrate the presence

or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation under approved operating conditions. Please be reminded that it is the responsibility of the owner/operator to be aware of, and to comply with, all conditions of EPA UIC Permit WY21096-07391 and relevant modifications as issued.

As of this approval, responsibility for permit compliance and enforcement is transferred to the Region 8 UIC Technical Enforcement Program office. Please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your UIC Permit number and well name:

U.S. Environmental Protection Agency
Region 8 UIC Technical Enforcement Program, 8ENF-UFO
1595 Wynkoop Street
Denver, Colorado 80202-1129

If you have any questions regarding this Authorization, please call Linda Bowling of my staff at (303) 312-6254. For questions regarding notification, testing, monitoring, reporting or other Permit requirements, please contact Nathan Wiser of the UIC Technical Enforcement Program by calling (303) 312-6211.

Sincerely,



Steven J. Pratt, P.E., CAPM (inactive)
Director, Ground Water Program

cc: Arapahoe & Shoshone Tribes
Attention: Joint Business Council, Chairman
P.O. Box 217
Fort Washakie, WY 82514

Northern Arapahoe Business Council
Attention: The Honorable Harvey Spoonhunter, Chairman
P.O. Box 396
Fort Washakie, WY 82514

Shoshone Business Council
Attention: The Honorable Ivan Posey, Chairman
P.O. Box 538
Fort Washakie, WY 82514

Wind River Environmental Quality Commission
Attention: Don Aragon, Director
P.O. Box 217
Fort Washakie, WY 82514

State of Wyoming Oil & Gas Conservation Commission
Attention Thomas E. Doll, State Oil & Gas Supervisor
P.O. Box 2640
Casper, WY 82602

Bureau of Indian Affairs, Ft. Washakie
Attention: Ed Lone Fight
140 Washakie St.
Fort Washakie, WY 82602

US Dept. of the Interior
Bureau of Land Management
Attention: Branch of Fluid Materials, Chief
Lander Resource Area
P.O. Box 589
Lander, WY 82502

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Sent To **Marathon Oil Company**
 Street, or P.O. **1501 Stampede Avenue**
 City, St **Cody, WY 82414**

PS Form 3800, August 2003

See Reverse for Instructions

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1. Article Addressed to:

JUN 25 2010

Randy Meabon
Marathon Oil Company
1501 Stampede Avenue
Cody, WY 82414

A

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Robert Karlson

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☐ Addressee

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Robert Karlson

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PS Form 3811, February 2004

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PS Form 3800, August 2006 (Reverse) PSN 7530-02-000-9047

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US EPA Region 8
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Denver, CO 80202-1129

Well #: Tribe/E-11

IA

LB

